



**Technical Data**

Insulation coordination according to DIN/VDE 0110-1 04.97

pin spacing  
voltage  
surge voltage

Insulation material group  
minimum clearances or creepage distances

wire range

rated cross section  
mm<sup>2</sup>  
contact resistance

withdrawing force  
max. limiting temperature  
min. limiting temperature  
type of protection according to IEC 529  
number of poles  
wire strip length  
approvals

	UL	according to VDE
pin spacing	0.197in	5mm
voltage	300V	250V-eff according to VDE 0110 degree of contamination 3 4kV at overvoltage category III insulating material II: 400 (CT1)
surge voltage		4mm at connected solid wire Ø1.45mm 10A
Insulation material group	AWG 16 10A	
minimum clearances or creepage distances		
wire range	AWG Cu, Sol/Str wire No. 28-16	Ø0.3mm - 1.45mm

	single wire	stranded wire	AWG
rated cross section mm <sup>2</sup>	1.5	1.0	18
contact resistance	<5mΩ at I=500mA after 100 inserts per pole measured from the clamping point via the header to the printed circuit board per circuit 0.75N ... 3.5N		
withdrawing force	40/125/56 according to DIN IEC 68-1		
max. limiting temperature	+125°C		
min. limiting temperature	-40°C		
type of protection according to IEC 529	IP 20 at connected nominal diameter		
number of poles	2- to 24pole		
wire strip length	4mm		
approvals			

**Materials**

- item. 1 insulation body left  
part-no. 711856-509-0135
  - item. 2 insulation body center without latch  
part-no. 711857-509-0235
  - item. 3 insulation body center with latch  
part-no. 711857-509-0135
  - item. 4 terminal molding cover  
part-no. 711858-509-0135
  - item. 5 eccentric lever  
part-no. 711860-02-2
  - item. 6 contact complete  
part-no. 760077-01
- tension spring  
part-no. 717186
- bridge contact  
part-no. 717179-01
- POM Hostaform C9021 File-Nr. E4237 (M UL 94H)
- Polyamid 46 J Stanyl TE 250 F6 grey (unbreakable flame resistant and self-extinguishing, according to UL 94V-0, stated under the File-Nr. E119177 and E150967; temperature range -40°C ... +125°C, for a short time up to +284°C)
- stainless chrome molybdenum steel
- CuSn4 T4  
0.8 - 3.36µm tin plated

arrangement of molded parts see page 2

Verwendungsbereich	Zul.Abn.	Überfläche	Maßstab 5:1	Gewicht
			Verleistauf, Rotiert	Markstoff-Arbeitsnummer
		Beitrag: 26.11.99	Bezeichnung	
		Gepr.: Studier	data sheet	
		Mark	series type ASP045 ps 5mm	
			Artikelnummer	Teil-Code
			ASP045	9-7721
				Blatt
				1
				v.2 Bl.
Zust.	Freigabe	Zeichn	Name	CAD-Nr.
				2801010000036
			ERS-Zul.	ERS-F.

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- T
- NW
- QS
- TPSB
- TPK
- TPR
- TAVR
- NAVA
- NAVA-E
- NWL.R
- TPB
- TAVB
- HAVR
- NWL.B
- TWSF
- TWST
- HAVI
- GT topf
- Konform
- NAWS

